

TRANSMITTAL LETTER TO THE UNITED STATES

PG37

DESIGNATED/ELECTED OFFICE (DO/EO/US)

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR

CONCERNING A FILING UNDER 35 U.S.C. 371

10/049142

INTERNATIONAL APPLICATION NO.  
PCT/EP00/07669

INTERNATIONAL FILING DATE  
8 August 2000

PRIORITY DATE CLAIMED  
10 August 1999

TITLE OF INVENTION

USE OF EP4 RECEPTOR LIGANDS IN THE TREATMENT OF NEUROPATHIC PAIN AND COLON CANCER

APPLICANT(S) FOR DO/EO/US

CLAYTON, Nicholas Maughan, COLLINS, Susanne Denise, FOORD, Steven Michael, GIBLIN, Gerard Martin Paul

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☒ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 20 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A change of power of attorney and/or address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
20. ☐ A second copy of the published international application, under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
22. ☒ Certificate of Mailing by Express Mail
23. ☒ Other items or information:

Copy of PCT Request, Publication Cover Page

**JC13 Rec'd PCT/PTO 0 5 FEB 2002**  
 ATTORNEY'S DOCKET NUMBER  
**PG3749USW**

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.492) <div style="font-size: 1.5em; font-weight: bold;">10/049042</div>		INTERNATIONAL APPLICATION NO. <b>PCT/EP00/07669</b>			
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24. The following fees are submitted:

BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :				CALCULATIONS PTO USE ONLY													
<input type="checkbox"/>	Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO .....	<b>\$1040.00</b>															
<input checked="" type="checkbox"/>	International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....	<b>\$890.00</b>															
<input type="checkbox"/>	International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....	<b>\$740.00</b>															
<input type="checkbox"/>	International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....	<b>\$710.00</b>															
<input type="checkbox"/>	International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....	<b>\$100.00</b>															
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>																	
Surcharge of \$130.00 for furnishing the oath or declaration later than _____ months from the earliest claimed priority date (37 CFR 1.492 (e)). <input type="checkbox"/> 20 <input type="checkbox"/> 30																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">CLAIMS</th> <th style="width: 20%;">NUMBER FILED</th> <th style="width: 20%;">NUMBER EXTRA</th> <th style="width: 20%;">RATE</th> </tr> <tr> <td>Total claims</td> <td>15 - 20 =</td> <td>0</td> <td>x \$18.00</td> </tr> <tr> <td>Independent claims</td> <td>8 - 3 =</td> <td>5</td> <td>x \$84.00</td> </tr> </table>			CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	15 - 20 =	0	x \$18.00	Independent claims	8 - 3 =	5	x \$84.00			
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE														
Total claims	15 - 20 =	0	x \$18.00														
Independent claims	8 - 3 =	5	x \$84.00														
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>																	
<b>TOTAL OF ABOVE CALCULATIONS =</b>																	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.																	
<b>SUBTOTAL =</b>																	
Processing fee of \$130.00 for furnishing the English translation later than _____ months from the earliest claimed priority date (37 CFR 1.492 (f)). <input type="checkbox"/> 20 <input type="checkbox"/> 30																	
<b>TOTAL NATIONAL FEE =</b>																	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). <input type="checkbox"/>																	
<b>TOTAL FEES ENCLOSED =</b>																	
			Amount to be: refunded	\$													
			charged	\$													

a. ☐ A check in the amount of \_\_\_\_\_ to cover the above fees is enclosed.


b. ☒ Please charge my Deposit Account No. **07-1392** in the amount of **\$1,310.00** to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **07-1392**. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:



**23347**  
 PATENT TRADEMARK OFFICE

SIGNATURE

**Lorie Ann Morgan**

NAME

**38,181**

REGISTRATION NUMBER

**5 Feb 2002**

DATE

<b>CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.1)</b> Applicant(s): Clayton et al.			Docket No. <b>PG3749USW</b>	
Serial No. to be assigned <b>10/049142</b>	Filing Date concurrently herewith	Examiner to be assigned	Group Art Unit to be assigned	
Invention: <b>USE OF EP4 RECEPTOR LIGANDS IN THE TREATMENT OF NEUROPATHIC PAIN AND COLON CANCER</b>				
<p>I hereby certify that the following correspondence:</p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p><b>Rule 371 Application and accompanying papers</b></p> </div> <p style="text-align: center;"><i>(Identify type of correspondence)</i></p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on</p> <p style="text-align: center;"><u>2-5-2002</u></p> <p style="text-align: center;"><i>(Date)</i></p> <div style="text-align: right; margin-top: 20px;"> <p><b>Ban Younan</b></p> <p><i>(Typed or Printed Name of Person Mailing Correspondence)</i></p> <hr style="border: 0; border-top: 1px solid black; margin: 5px 0;"/> <p><i>Ban Younan</i></p> <p><i>(Signature of Person Mailing Correspondence)</i></p> <hr style="border: 0; border-top: 1px solid black; margin: 5px 0;"/> <p><b>11EL395893471US</b></p> </div>				
<p><b>Note: Each paper must have its own certificate of mailing.</b></p>				